PICTORIAL GUIDE to FEATURES

SurePOS 300/700 SurePorts   **IBM** **Retail Store Solutions TechLine**

IBM 4800 / 4810 / 4900 SurePorts Standard and RPQ Port Options

Version 1.2
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IBM ®

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TechLine
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The "Fine Print"

This Document is a derivative work. The source documents are not required to stay in sync with this guide.
The Feature Codes relate precisely to the Offering Structure and Sales Manual. The Part Number that is included is the "Top Bill" part number which is used to build the ordering tables. The Top Bill DOES NOT SHIP to a customer. This part number causes SMU Parts (Shippable Manufacturing Units) to be assembled and shipped. The SMU number changes frequently during the life cycle of a product.

FRU Numbers, where listed, are for those features where a one-to-one relationship exists between the Feature Code and the Field Replaceable Unit number. The source guide for these is the Hardware Service Manual accessed from the PUBLICATION tab on the TechLine Support page.
http://www2.clearlake.ibm.com/store/support/html/surepos700.html

If you have questions, concerns, or suggestions, please send them to us as a TechLine inquiry.
http://www2.clearlake.ibm.com/store/support/html/hquestions.html

4800-xx3, xx4

	Description	Factory / Field
base	Default Lower SurePorts 2 CD, 1 SIO, 3 USP Powered	Factory ONLY for models 723, 743, 783, 784
standard	Upper Three 9-pin powered RS-232 Lower 9-pin RS232, 3 USB, 1 CD	Factory ONLY for models F43, EF3, and XF3
FC 2995	Five USB Upper	Factory
FC 1985		Field-installed
FC 2994	Four RS-485 Upper	Factory
FC 1986		Field-installed
FC 1987	Three 15-pin RS-232 (Powered)	Field-installed
8Q2920	RPQ Upper Three 9-pin powered RS-232	Field-installed
8Q2921	RPQ Lower 9-pin RS232, 3 USB, 1 CD	Field-installed
8Q2967	RPQ Lower 3 USB, 2 CD	Field-installed
8Q3130	RPQ Upper 4-12V + 1-24V USB	Field-installed
8Q3114	RPQ 3 port 12 Volt powered USB PCIe card	Field-installed

4810-x50

	Description	Factory / Field
Default	Upper Three 9-pin powered RS-232 Lower 9-pin RS232, 3 USB, 1 CD	This is the factory-installed Default
MES FC 1977		Field upgrade (if original order had FC 1975)
FC 1975		Factory Installed
MES FC 1976	1985 MES USB Upper SurePorts	Field upgrade

4900-xx5

	Description	Factory / Field
Base x45, x85	Default Lower SurePorts 2 CD, 1 SIO, 3 USP Powered	Factory ONLY for models 723, 743, 783, 784
Model 775 standard	Upper Three 9-pin powered RS-232 Lower 9-pin RS232, 3 USB, 1 CD	Factory ONLY Model x75
All except C85	2995 USB Upper SurePorts	Factory Installed
775, E75 ONLY	2996 9-pin Powered RS-232 Upper SurePorts	Factory Installed
All Models	1984 9-pin Powered MES RS-232 Upper SurePorts	Field-installed
All Models	1985 MES USB Upper SurePorts	Field-installed
745, E45, 785, E85, C85	1986 MES RS485 Upper SurePorts 38V	Field-installed
All Models	1987 15-pin Powered MES RS-232 Upper SurePorts	Field-installed
745, E45, 785, E85, C85	1988 MES RS485 Upper SurePorts 24V Japan Only	Field-installed

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Standard Tail Gates

Worldwide Models 4800-7x3, 784, Ex3, E84

(4800-x43 and –x83 shown, with RS/485 SurePorts)
The x23 model does not include the two RS232 ports near the power connector (labeled C and D)

RPQ Models 4800- F43, EF3, XF3, and EU3

(4800- F43, EF3, and XF3) The default upper is 3x9 pin powered RS232, RPQ 8Q2020. The lower SurePort is RPQ 8Q2021.

(4800-EU3) Must choose either the 3x9 pin powered RS232 or the 5x12V USB. The top row must be populated for models F43, EF3, XF3, and EU3.

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Worldwide Models 4900-745, E45, 785, E85

(–x45, x85 shown, with FC 2995 USB Upper SurePort)

Worldwide Models 4900-775, E75

(–x75 shown, with FC 2995 USB Upper SurePort)

SurePOS 300 4810-350

SurePort as Features

Default Lower SurePorts

4800-7x4 K2 machine has no top row SurePort installed.
4800-743 2010 and later – S3-enabled
default bottom row is S3-enabled Port A, 2x cash drawer, 9A, 2x12V USB, 1x24V USB
   Feature Bill (none, part of the system)
   FRU 46N1992

    S3 Identification Symbol

   Early non-S3 4800-723, 743, 783 default is no top row SurePort installed
default bottom row is 2x cash drawer, 9A, 2x12V USB, 1x24V USB
   Feature Bill (none, part of the system)
   FRU 45T9081

On the **4900 series**, the Powered ports are flipped to the left Hand side to facilitate connections.

   Feature Bill (none, part of the system)
   FRU 99Y1452

Five USB Upper

FC 2995 (factory) or **FC 1985** (MES) is 5x12V USB top row
> **M/T 4800** Feature Bill 45T9207
> SMU 45T9163
> FRU 45T9083
>
> **M/T 4900** Feature Bill 99Y1513
> **SMU = 99Y1514**
> **FRU** 99Y1454

Four RS-485 Upper

FC 2994 (factory) or **FC 1986** (MES) is 9B, 4A, 5A, 7, RS485 top row
> **M/T 4800 Feature** Bill 45T9208
> SMU 45T9164
> FRU 45T9084
>
> **M/T 4900** Feature Bill 99Y2208
> **SMU = 99Y1542**
> **FRU** 99Y1530

Three 15-pin RS-232 (Powered)

FC 1987 (MES) is 3x15 pin RS232 top row
> **M/T 4800** Feature Bill 45T9210
> SMU 45T9165
> FRU 45T9085
>
> **M/T 4900** Feature Bill 99Y2221
> **SMU = 99Y2220**
> **FRU** 99Y1528

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Upper Three 9-pin powered RS-232

M/T 4800 RPQ 8Q2920
The default is 3x9 pin powered RS232 for SurePOS 700 Models F43, EF3, and XF3
> Feature Bill 47J5578
> SMU 47J5577
> FRU 47J5582

M/T 4900 Feature 2996 / 1984
> **M/T 4900** Feature Bill 99Y2223
> **SMU = 99Y2222**
> **FRU** 99Y1532

Lower 9-pin RS232, 3 USB, 1 CD

M/T 4800 RPQ 8Q2921 (MES)
This port has one 9 pin powered RS232, three USB and one RS485 port (a cash drawer port is removed to make room for the powered RS232). This is also standard for SurePOS 700 (Cle) RPQ Models Fx3.
> Feature Bill 47J5581
> SMU 47J5579
> FRU 47J5583

M/T 4900-775, E75 Default Lower
> **M/T 4900**-775
> **FRU** 99Y1452

RPQ Lower 3 USB, 2 CD

M/T 4800 RPQ 8Q2967
This SurePort has 2x cash drawer, 2x12V USB, 1x24V USB, bottom row (this is the same as the standard 4800-7x3, 784 bottom row, except that port 9A has been removed)
> Feature Bill 54Y3913
> SMU 54Y3903
> FRU - NONE

RPQ Upper 4-12V + 1-24V USB

M/T 4800 RPQ 8Q3130

Please note:
- this card will be qualified for WEPOS and POSReady only
- if another Sureport card is installed with a 24V USB port, only one 24V USB port can be active at a time.
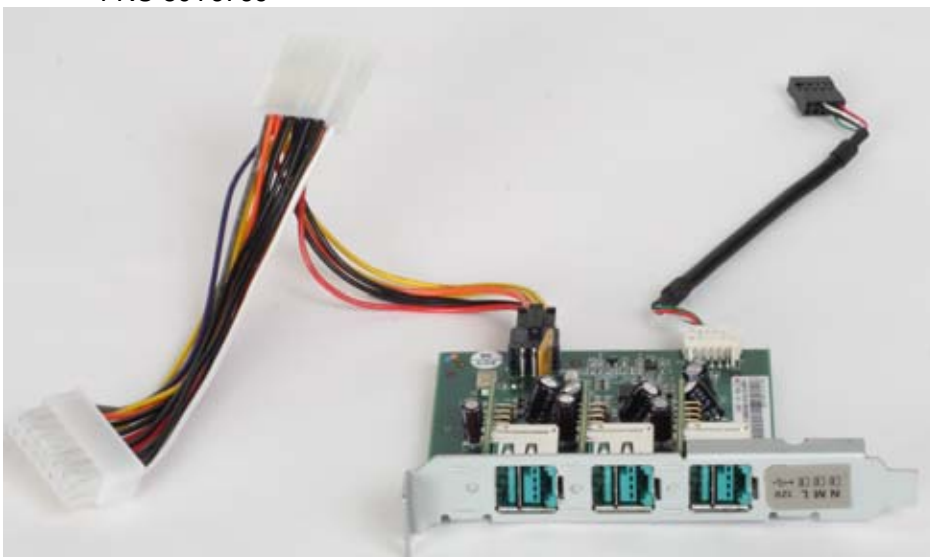
      Feature Bill 80Y6791(MES)
      SMU 80Y6790
      FRU 80Y6793

RPQ 3 port powered 12 Volt USB PCIe card

8Q3114

      Feature Bill 80Y6768
      SMU 80Y6770
      FRU 80Y6769

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SurePOS 300 SurePorts

Three 9-pin powered RS-232with powered USB-12/24

4810 Default (Factory installed) or MES FC 1977
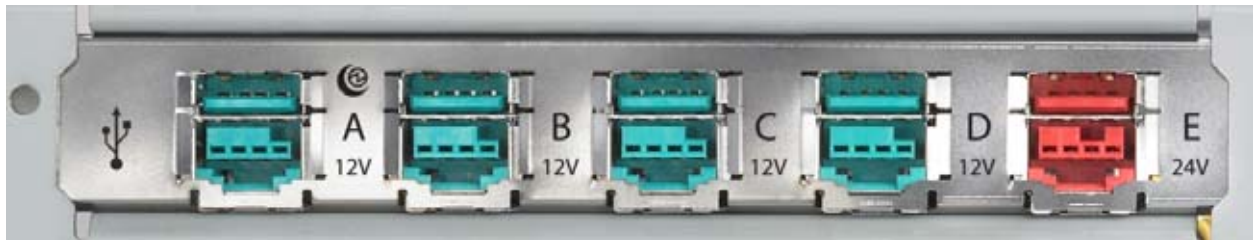
M/T 4810 Feature Bill 00L9588
SMU – 00L9589
FRU – 00L9604

4810 Five USB Factory FC 1975 or MES FC 1976

M/T 4810 Feature Bill 00L9590
SMU – 00L9591
FRU – 00L9605

Revision History

Ver 1.2 Feb 21, 2012 First Attempt adding M/T 4900 and 4810-350 SurePorts
Ver 1.1 March 22, 2011 – Added Reference table and removed several references to single-customer RPQ numbers.
Ver 1.0 March 21, 2011 - Initial Compilation